**OIPE** 

RAW SEQUENCE LISTING

DATE: 11/01/2001

PATENT APPLICATION: US/09/978,192

3 <110> APPLICANT: Ashkenazi, Avi

TIME: 07:52:59

Input Set : A:\Seq\_\_Listing\_for\_P2630P1C9.wpd Output Set: N:\CRF3\11012001\I978192.raw

```
Baker Kevin P.
     5
              Botstein, David
              Desnoyers, Luc
     6
     7
              Eaton, Dan
     8
              Ferrara, Napoleon
                                                               ENTERED
     9
              Filvaroff, Ellen
              Fong, Sherman
    10
              Gao, Wei-Qiang
    11
              Gerber, Hanspeter
    12
              Gerritsen, Mary E.
    13
    14
              Goddard, Audrey
              Godowski, Paul J.
    15
              Grimaldi, J. Christopher
     16
              Gurney, Austin L.
     17
              Hillan, Kenneth J
     18
              Kljavin, Ivar J.
     19
              Kuo, Sophia S.
     20
              Napier, Mary A.
     21
     22
              Pan, James;
              Paoni, Nicholas F.
     23
              Roy, Margaret Ann
     24
              Shelton, David L.
     25
              Stewart, Timothy A.
     26
              Tumas, Daniel
     27
     28
              Williams, P. Mickey
              Wood, William I.
     29
     31 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
              Acids Encoding the Same
     34 <130> FILE REFERENCE: P2630P1C9
C--> 36 <140> CURRENT APPLICATION NUMBER: US/09/978,192
C--> 36 <141> CURRENT FILING DATE: 2001-10-15
     36 <150> PRIOR APPLICATION NUMBER: 09/918585
     37 <151> PRIOR FILING DATE: 2001-07-30
     39 <150> PRIOR APPLICATION NUMBER: 60/062250
     40 <151> PRIOR FILING DATE: 1997-10-17
     42 <150> PRIOR APPLICATION NUMBER: 60/064249
     43 <151> PRIOR FILING DATE: 1997-11-03
     45 <150> PRIOR APPLICATION NUMBER: 60/065311
     46 <151> PRIOR FILING DATE: 1997-11-13
     48 <150> PRIOR APPLICATION NUMBER: 60/066364
     49 <151> PRIOR FILING DATE: 1997-11-21
     51 <150> PRIOR APPLICATION NUMBER: 60/077450
     52 <151> PRIOR FILING DATE: 1998-03-10
     54 <150> PRIOR APPLICATION NUMBER: 60/077632
     55 <151> PRIOR FILING DATE: 1998-03-11
     57 <150> PRIOR APPLICATION NUMBER: 60/077641
```

DATE: 11/01/2001 TIME: 07:52:59

PATENT APPLICATION: US/09/978,192

Input Set : A:\Seq\_\_Listing\_for\_P2630P1C9.wpd

Output Set: N:\CRF3\11012001\I978192.raw

- 58 <151> PRIOR FILING DATE: 1998-03-11
- 60 <150> PRIOR APPLICATION NUMBER: 60/077649
- 61 <151> PRIOR FILING DATE: 1998-03-11
- 63 <150> PRIOR APPLICATION NUMBER: 60/077791
- 64 <151> PRIOR FILING DATE: 1998-03-12
- 66 <150> PRIOR APPLICATION NUMBER: 60/078004
- 67 <151> PRIOR FILING DATE: 1998-03-13
- 69 <150> PRIOR APPLICATION NUMBER: 60/078886
- 70 <151> PRIOR FILING DATE: 1998-03-20
- 72 <150> PRIOR APPLICATION NUMBER: 60/078936
- 73 <151> PRIOR FILING DATE: 1998-03-20
- 75 <150> PRIOR APPLICATION NUMBER: 60/078910
- 76 <151> PRIOR FILING DATE: 1998-03-20
- 78 <150> PRIOR APPLICATION NUMBER: 60/078939
- 79 <151> PRIOR FILING DATE: 1998-03-20
- 81 <150> PRIOR APPLICATION NUMBER: 60/079294
- 82 <151> PRIOR FILING DATE: 1998-03-25
- 84 <150> PRIOR APPLICATION NUMBER: 60/079656
- 85 <151> PRIOR FILING DATE: 1998-03-26
- 87 <150> PRIOR APPLICATION NUMBER: 60/079664
- 88 <151> PRIOR FILING DATE: 1998-03-27
- 90 <150> PRIOR APPLICATION NUMBER: 60/079689
- 91 <151> PRIOR FILING DATE: 1998-03-27
- 93 <150> PRIOR APPLICATION NUMBER: 60/079663
- 94 <151> PRIOR FILING DATE: 1998-03-27
- 96 <150> PRIOR APPLICATION NUMBER: 60/079728
- 97 <151> PRIOR FILING DATE: 1998-03-27
- 99 <150> PRIOR APPLICATION NUMBER: 60/079786
- 100 <151> PRIOR FILING DATE: 1998-03-27
- 102 <150> PRIOR APPLICATION NUMBER: 60/079920
- 103 <151> PRIOR FILING DATE: 1998-03-30
- 105 <150> PRIOR APPLICATION NUMBER: 60/079923
- 106 <151> PRIOR FILING DATE: 1998-03-30
- 108 <150> PRIOR APPLICATION NUMBER: 60/080105
- 109 <151> PRIOR FILING DATE: 1998-03-31
- 111 <150> PRIOR APPLICATION NUMBER: 60/080107
- 112 <151> PRIOR FILING DATE: 1998-03-31
- 114 <150> PRIOR APPLICATION NUMBER: 60/080165
- 115 <151> PRIOR FILING DATE: 1998-03-31
- 117 <150> PRIOR APPLICATION NUMBER: 60/080194
- 118 <151> PRIOR FILING DATE: 1998-03-31
- 120 <150> PRIOR APPLICATION NUMBER: 60/080327
- 121 <151> PRIOR FILING DATE: 1998-04-01
- 123 <150> PRIOR APPLICATION NUMBER: 60/080328
- 124 <151> PRIOR FILING DATE: 1998-04-01
- 126 <150> PRIOR APPLICATION NUMBER: 60/080333
- 127 <151> PRIOR FILING DATE: 1998-04-01
- 129 <150> PRIOR APPLICATION NUMBER: 60/080334
- 130 <151> PRIOR FILING DATE: 1998-04-01

DATE: 11/01/2001 TIME: 07:52:59

PATENT APPLICATION: US/09/978,192

Input Set : A:\Seq\_\_Listing\_for\_P2630P1C9.wpd

Output Set: N:\CRF3\11012001\I978192.raw

- 132 <150> PRIOR APPLICATION NUMBER: 60/081070
- 133 <151> PRIOR FILING DATE: 1998-04-08
- 135 <150> PRIOR APPLICATION NUMBER: 60/081049
- 136 <151> PRIOR FILING DATE: 1998-04-08
- 138 <150> PRIOR APPLICATION NUMBER: 60/081071
- 139 <151> PRIOR FILING DATE: 1998-04-08
- 141 <150> PRIOR APPLICATION NUMBER: 60/081195
- 142 <151> PRIOR FILING DATE: 1998-04-08
- 144 <150> PRIOR APPLICATION NUMBER: 60/081203
- 145 <151> PRIOR FILING DATE: 1998-04-09
- 147 <150> PRIOR APPLICATION NUMBER: 60/081229
- 148 <151> PRIOR FILING DATE: 1998-04-09
- 150 <150> PRIOR APPLICATION NUMBER: 60/081955
- 151 <151> PRIOR FILING DATE: 1998-04-15
- 153 <150> PRIOR APPLICATION NUMBER: 60/081817
- 154 <151> PRIOR FILING DATE: 1998-04-15
- 156 <150> PRIOR APPLICATION NUMBER: 60/081819
- 157 <151> PRIOR FILING DATE: 1998-04-15
- 159 <150> PRIOR APPLICATION NUMBER: 60/081952
- 160 <151> PRIOR FILING DATE: 1998-04-15
- 162 <150> PRIOR APPLICATION NUMBER: 60/081838
- 163 <151> PRIOR FILING DATE: 1998-04-15
- 165 <150> PRIOR APPLICATION NUMBER: 60/082568
- 166 <151> PRIOR FILING DATE: 1998-04-21
- 168 <150> PRIOR APPLICATION NUMBER: 60/082569
- 169 <151> PRIOR FILING DATE: 1998-04-21
- 171 <150> PRIOR APPLICATION NUMBER: 60/082704
- 172 <151> PRIOR FILING DATE: 1998-04-22
- 174 <150> PRIOR APPLICATION NUMBER: 60/082804
- 175 <151> PRIOR FILING DATE: 1998-04-22
- 177 <150> PRIOR APPLICATION NUMBER: 60/082700
- 178 <151> PRIOR FILING DATE: 1998-04-22
- 180 <150> PRIOR APPLICATION NUMBER: 60/082797
- 181 <151> PRIOR FILING DATE: 1998-04-22
- 183 <150> PRIOR APPLICATION NUMBER: 60/082796
- 184 <151> PRIOR FILING DATE: 1998-04-23
- 186 <150> PRIOR APPLICATION NUMBER: 60/083336
- 187 <151> PRIOR FILING DATE: 1998-04-27
- 189 <150> PRIOR APPLICATION NUMBER: 60/083322
- 190 <151> PRIOR FILING DATE: 1998-04-28
- 192 <150> PRIOR APPLICATION NUMBER: 60/083392
- 193 <151> PRIOR FILING DATE: 1998-04-29
- 195 <150> PRIOR APPLICATION NUMBER: 60/083495
- 196 <151> PRIOR FILING DATE: 1998-04-29
- 198 <150> PRIOR APPLICATION NUMBER: 60/083496
- 199 <151> PRIOR FILING DATE: 1998-04-29
- 201 <150> PRIOR APPLICATION NUMBER: 60/083499
- 202 <151> PRIOR FILING DATE: 1998-04-29
- 204 <150> PRIOR APPLICATION NUMBER: 60/083545

DATE: 11/01/2001

PATENT APPLICATION: US/09/978,192

TIME: 07:52:59

Input Set : A:\Seq\_\_Listing\_for\_P2630P1C9.wpd Output Set: N:\CRF3\11012001\1978192.raw

205 <151> PRIOR FILING DATE: 1998-04-29 207 <150> PRIOR APPLICATION NUMBER: 60/083554 208 <151> PRIOR FILING DATE: 1998-04-29 210 <150> PRIOR APPLICATION NUMBER: 60/083558 211 <151> PRIOR FILING DATE: 1998-04-29 213 <150> PRIOR APPLICATION NUMBER: 60/083559 214 <151> PRIOR FILING DATE: 1998-04-29 216 <150> PRIOR APPLICATION NUMBER: 60/083500 217 <151> PRIOR FILING DATE: 1998-04-29 219 <150> PRIOR APPLICATION NUMBER: 60/083742 220 <151> PRIOR FILING DATE: 1998-04-30 222 <150> PRIOR APPLICATION NUMBER: 60/084366 223 <151> PRIOR FILING DATE: 1998-05-05 225 <150> PRIOR APPLICATION NUMBER: 60/084414 226 <151> PRIOR FILING DATE: 1998-05-06 228 <150> PRIOR APPLICATION NUMBER: 60/084441 229 <151> PRIOR FILING DATE: 1998-05-06 231 <150> PRIOR APPLICATION NUMBER: 60/084637 232 <151> PRIOR FILING DATE: 1998-05-07 234 <150> PRIOR APPLICATION NUMBER: 60/084639 235 <151> PRIOR FILING DATE: 1998-05-07 237 <150> PRIOR APPLICATION NUMBER: 60/084640 238 <151> PRIOR FILING DATE: 1998-05-07 240 <150> PRIOR APPLICATION NUMBER: 60/084598 241 <151> PRIOR FILING DATE: 1998-05-07 243 <150> PRIOR APPLICATION NUMBER: 60/084600 W--> 244 <151> PRIOR FILING DATE: 1998-5-07 246 <150> PRIOR APPLICATION NUMBER: 60/084627 247 <151> PRIOR FILING DATE: 1998-05-07 249 <150> PRIOR APPLICATION NUMBER: 60/084643 250 <151> PRIOR FILING DATE: 1998-05-07 252 <150> PRIOR APPLICATION NUMBER: 60/085339 253 <151> PRIOR FILING DATE: 1998-05-13 255 <150> PRIOR APPLICATION NUMBER: 60/085338 256 <151> PRIOR FILING DATE: 1998-05-13 258 <150> PRIOR APPLICATION NUMBER: 60/085323 259 <151> PRIOR FILING DATE: 1998-05-13 261 <150> PRIOR APPLICATION NUMBER: 60/085582 262 <151> PRIOR FILING DATE: 1998-05-15 264 <150> PRIOR APPLICATION NUMBER: 60/085700 265 <151> PRIOR FILING DATE: 1998-05-15 267 <150> PRIOR APPLICATION NUMBER: 60/085689 268 <151> PRIOR FILING DATE: 1998-05-15 270 <150> PRIOR APPLICATION NUMBER: 60/085579

271 <151> PRIOR FILING DATE: 1998-05-15

274 <151> PRIOR FILING DATE: 1998-05-15

273 <150> PRIOR APPLICATION NUMBER: 60/085580

276 <150> PRIOR APPLICATION NUMBER: 60/085573

DATE: 11/01/2001 TIME: 07:52:59

PATENT APPLICATION: US/09/978,192

Input Set : A:\Seq\_\_Listing\_for\_P2630P1C9.wpd Output Set: N:\CRF3\11012001\1978192.raw

- 279 <150> PRIOR APPLICATION NUMBER: 60/085704
- 280 <151> PRIOR FILING DATE: 1998-05-15
- 282 <150> PRIOR APPLICATION NUMBER: 60/085697
- 283 <151> PRIOR FILING DATE: 1998-05-15
- 285 <150> PRIOR APPLICATION NUMBER: 60/086023
- 286 <151> PRIOR FILING DATE: 1998-05-18
- 288 <150> PRIOR APPLICATION NUMBER: 60/086430
- 289 <151> PRIOR FILING DATE: 1998-05-22
- 291 <150> PRIOR APPLICATION NUMBER: 60/086392
- 292 <151> PRIOR FILING DATE: 1998-05-22
- 294 <150> PRIOR APPLICATION NUMBER: 60/086486
- 295 <151> PRIOR FILING DATE: 1998-05-22
- 297 <150> PRIOR APPLICATION NUMBER: 60/086414
- 298 <151> PRIOR FILING DATE: 1998-05-22 300 <150> PRIOR APPLICATION NUMBER: 60/087208
- 301 <151> PRIOR FILING DATE: 1998-05-28
- 303 <150> PRIOR APPLICATION NUMBER: 60/087106
- 304 <151> PRIOR FILING DATE: 1998-05-28
- 306 <150> PRIOR APPLICATION NUMBER: 60/087098
- 307 <151> PRIOR FILING DATE: 1998-05-28
- 309 <150> PRIOR APPLICATION NUMBER: 60/091010
- 310 <151> PRIOR FILING DATE: 1998-06-26
- 312 <150> PRIOR APPLICATION NUMBER: 60/090863
- 313 <151> PRIOR FILING DATE: 1998-06-26
- 315 <150> PRIOR APPLICATION NUMBER: 60/091359
- 316 <151> PRIOR FILING DATE: 1998-07-01
- 318 <150> PRIOR APPLICATION NUMBER: 60/094651
- 319 <151> PRIOR FILING DATE: 1998-07-30
- 321 <150> PRIOR APPLICATION NUMBER: 60/100038
- 322 <151> PRIOR FILING DATE: 1998-09-11
- 324 <150> PRIOR APPLICATION NUMBER: 60/109304
- 325 <151> PRIOR FILING DATE: 1998-11-20
- 327 <150> PRIOR APPLICATION NUMBER: 60/113296
- 328 <151> PRIOR FILING DATE: 1998-12-22
- 330 <150> PRIOR APPLICATION NUMBER: 60/113621
- 331 <151> PRIOR FILING DATE: 1998-12-23
- 333 <150> PRIOR APPLICATION NUMBER: 60/123957
- 334 <151> PRIOR FILING DATE: 1999-03-12
- 336 <150> PRIOR APPLICATION NUMBER: 60/126773
- 337 <151> PRIOR FILING DATE: 1999-03-29
- 339 <150> PRIOR APPLICATION NUMBER: 60/130232
- 340 <151> PRIOR FILING DATE: 1999-04-21
- 342 <150> PRIOR APPLICATION NUMBER: 60/131022
- 343 <151> PRIOR FILING DATE: 1999-04-26
- 345 <150> PRIOR APPLICATION NUMBER: 60/131445
- 346 <151> PRIOR FILING DATE: 1999-04-28
- 348 <150> PRIOR APPLICATION NUMBER: 60/134287
- 349 <151> PRIOR FILING DATE: 1999-05-14
- 351 <150> PRIOR APPLICATION NUMBER: 60/139557

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/978,192

DATE: 11/01/2001 TIME: 07:53:00

Input Set : A:\Seq\_Listing\_for\_P2630P1C9.wpd
Output Set: N:\CRF3\11012001\1978192.raw

```
L:36 M:270 C: Current Application Number differs, Replaced Current Application No
L:36 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:244 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:370 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:445 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:978\ M:341\ W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:980 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L\!:\!992 M\!:\!341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:1012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1014 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:1041~M:341~W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:1045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:1552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 \,
L:1554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1805 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:3382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:3384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:3386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:3388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:3396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L\!:\!3400~M\!:\!341~W\!: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117
L:5050 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
L:5052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
L:5756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137
L:5918 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144
L:5920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144
L:6192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151
L:6196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151
L:6223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152
L:6225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152
```

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/978,192

DATE: 11/01/2001 TIME: 07:53:00

Input Set : A:\Seq\_\_Listing\_for\_P2630P1C9.wpd Output Set: N:\CRF3\11012001\I978192.raw

L:6387 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:157

L:6389 M:258 W: Mandatory Feature missing, <220> FEATURE:

L:6389 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

L:7713 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 L:7719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191

L:7729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191

 $L\!:\!8724$  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215

L:10653 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265L:10655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265

L:10657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265